**SUMMARY OSVVM**

**What is OSVVM?**

* **Verification Framework:** Provides test components, test scenarios, and transaction interfaces.
* **Verification Utility Library:** Includes constrained random testing, scoreboards, functional coverage, error tracking, and requirements tracking.
* **Verification Component Library:** Offers components for communication protocols such as AXI4, UART, and xMII.
* **Script Library:** Contains tool-independent scripts.
* **Co-Simulation:** Enables running software in a hardware simulator.
* **Test Reports:** Generates test outputs in HTML and JUnit XML formats.